MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

1st and final Bill

AE(SSD)/SSR 106/16-17

M. A. R. 57 (Rule 116) A/30-7-16 **No. B**

Measurement Book

Serial No. 488913

Name of Work Construction of RCC drain adjusted to dasarahalli road and cross at Kalyananagara in ward NO. 13. From ..... To .....

Name of Contractor of nature of Agency KRIDL.

Date of commencement of work

BR a/c. 334

30/7/16

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Job code :- 013-16-00039. Est. cost :- 50.00 lakhs A/s No :- AE/DZ/AA/02/16-17. dt. 12.05.2016 T.S/ no :- CE/DZ/TS/13/16-17. dt. 16.05.2016 W.O. No :- EE/DD/W01/25/16-17 - dt 27/05/2016 Date of recording :- 30-7-16						
(1)	Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 1.5m, excavated surface levelled and sides neatly dressed, the disposed						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Earth to be levelled neatly after breaking of clods complete as per the direction of Engineer-in-Charge of the works. Qty vide item No ① of this MB page No 488975. @ Rate of 83.16/m³					523.01 cum = ₹ 4,3494/-	
②	providing and laying in position plain cement concrete of nominal mix M10 @ with OPC cement @ 220 kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing. complete as per Specifications.						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

488914

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide item No ② recorded in this MB Pg.No 488976. @ Rate of 5139.94/cum					86.92 cum = ₹ 4,46,743/- 4.46.764.-00.	
③	providing and laying in position reinforced cement concrete of design mix M30 with OPC cement @ 320kgs, with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ 0.460 cum, with Super plasticisers @ 3 ltrs conforming to IS 9103-1999 reaffirmed -2008 machine mixed, Concrete laid in layers not exceeding 15cms. thick, vibrated						

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

488915

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing course, parapets, bed blocks, anchor blocks, plain window cills fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications complete as per the direction of Engineer-in-charge of work - Qty vide item No. (8) of this MB. page No. 488988 ... @ Rate of 6083.34 ...					309.10 cum = ₹18,80,354/- 18.80.360=00	
(N)	providing T.M.T. steel reinforcement for R.C.C work including straightening, cutting, bending, hooking placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage should not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. complete as per the directions of Engineer-in-charge of the work - Qty vide item No. (K) of this MB recorded in page No. 488978 @ Rate of 6851.31/pm ...					187.94 qtl = ₹12,87,634/-	

MEASUREMENT BOOK

M. A. R. 57 (Rule 116)
Measurement Book — No. B

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

488916

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
⑤	providing and removing centering, shuttering, struting propping etc and removal of form work for vertical surface such as walls of any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifi-cations, completion as per the directions of Engineer-in-charge of the works.						
	Sub side item no ⑤ of this MB Page no 488980 ... @ Rate of 301.04/Sqm					2450.00 Sqm	=₹ 7,37,548/-
⑥	providing and laying reinforced cement precast slabs of mix CC 1:1½:3 using 20mm & down size graded Granite metal using thick 100mm & steel @						
	100mm c/c both ways and complete as per the directions of Engineer-in-charge of the work.						
	1st floor	15	0.60	0.90		8.10	
		20	0.60	0.90		10.80	
	11th	21	0.60	0.90		11.34	
		8	0.60	0.90		4.32	
	12th floor	18	0.60	0.90		9.72	
		20	0.60	0.90		10.80	
		15	0.60	0.90		8.10	
						63.18 Sqm	
			@ rate of 1600/Sqm				=₹ 1,01,088/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(7) Disposal of debris to the final place of disposal with all lead and lift and as direction by the Engineer in charge of the work. lead 10Km a) Basic rate for haulage of materials as per item no. 13.4 BSSER: M100-4.1 - - - Rs 2.05/ton/Km b). Average Earth of work 1.25 tonne/Km. Complete as per direction of Engineer-in-charge of work. Qty vide item no. (1) of this work ... i.e 5 23.01 cum @ Rate of 81.73/m³. -₹ 42,746/-						
	Sub total Amt = ₹ 45,39,635/-						
	KRIDL Charges 8% = ₹ 3,63,170/-						
	Total Bill Amt = ₹ 49,02,776/-						

Chd ∝ Fc

30/7/2016

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
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30-7-16 Ac

4539635=00
3.63.170=00
4902805=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

488917

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate: (1) The work done by contractor satisfactorily (2) The contractor has been removed all the debris from works spot. (3) There is no departmental issues.						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
[illegible] ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

30-7-16

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	N 128.00 mts 18th cross road 125.00 mts 25.50 mts 11th cross 103.10 mts 80.00 mts 10th cross 63.00 mts Basavahalli main road 30.00 mts INDEX RCC drain						

M. A. R. 57 (Rule 116)
Measurement Book

No. B

488918

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Audited and admitted for Rs. 490805=00 Passed by Cheque for Rs. 425560=00 (.....) by adjustment Rs. 65045=00 Accounts Superintendent Exe. Engineer M.P. Nagarabhavi Division						